



MAP EXPLANATION

Potentially Active Faults

Faults considered to have been active during Holocene time and to have a relatively high potential for surface rupture; solid line where accurately located, long dash where approximately located, short dash where inferred, dotted where concealed; query (?) indicates additional uncertainty. Evidence of historic offset indicated by year of earthquake-associated event or C for displacement caused by creep or possible creep.

Special Studies Zone Boundaries

- These are delineated as straight-line segments that connect encircled turning points so as to define special studies zone segments.
- Seaward projection of zone boundary.

STATE OF CALIFORNIA
SPECIAL STUDIES ZONES
Delineated in compliance with
Chapter 7.5, Division 2 of the California Public Resources Code
(Alquist-Priolo Special Studies Zones Act)

COTATI QUADRANGLE

REVISED OFFICIAL MAP
Effective: July 1, 1983

REFERENCES USED TO COMPILE FAULT DATA

- Cotati Quadrangle
- Brown, R.D., Jr., 1970, Recently active traces of the Rodgers Creek fault, Cotati quadrangle (unpublished, annotated map; fault locations largely shown in Fox, K.F., Sims, J.D., Bartow, J.A., and Helley, E.J., 1973, Preliminary geologic map of eastern Sonoma County and western Napa County, California: U.S. Geological Survey Miscellaneous Field Studies Map MF-483, sheet 2).
- Hart, E.W., 1982, Rodgers Creek fault, Sonoma County: California Division of Mines and Geology Fault Evaluation Report FER-141 (unpublished).
- Huffman, W.E., 1971, Geology for planning in the Sonoma Mountain and Mark West-Riehl Road areas, Sonoma County, California: California Division of Mines and Geology Open-File Report 72-25, 66 p., 6 plates.

For additional information on faults in this map area, the rationale used for zoning, and additional references consulted, refer to unpublished Fault Evaluation Reports on file at the San Francisco District Office of CDMG.

IMPORTANT - PLEASE NOTE

- This map may not show all faults that have the potential for surface fault rupture, either within the special studies zones or outside their boundaries.
- Faults shown are the basis for establishing the boundaries of the special studies zones.
- The identification and location of these faults are based on the best available data. However, the quality of data used is varied. Traces have been drawn as accurately as possible at this map scale.
- Fault information on this map is not sufficient to serve as a substitute for the geologic site investigations (special studies) required under Chapter 7.5 of Division 2 of the California Public Resources Code.

State Geologist